



National Weather Service

Storm Data and Unusual Weather Phenomena



July 2003

Location	Date	Time Local/ Standard	Path Length (Miles)	Path Width (Yards)	Number of Persons Killed	Number of Persons Injured	Estimated Damage Property	Estimated Damage Crops	Character of Storm
<u>KENTUCKY, Northeast</u>									
Greenup County South Shore to Lynn	09	2030EST 2130EST			0	0	75K		Flash Flood
Radar estimated 2 to 3 inches of rain, while the Greenup Lock and Dam measured 1.85 inches of rain. A funeral home was flooded in South Shore. Several businesses had minor water damage. Small streams, such as Schultz Creek, overflowed onto roads.									
Greenup County Countywide	10	1510EST 1520EST			0	0	30K		Thunderstorm Wind (EG50)
Trees were blown down in scattered locations. One tree hit a car and one fallen tree damaged a mobile home.									
Lawrence County Louisa	10	1610EST			0	0			Thunderstorm Wind (EG50)
A few trees and large branches fell in town.									
<u>OHIO, Southeast</u>									
Perry County Mt Perry to Crooksville	06	2000EST 2115EST			0	0	10K		Flash Flood
Rains of 2.25 inches fell in 75 minutes at a gauge near Crooksville. Jonathan Creek and Moxahala Creek flooded roads. Urban street flooding occurred in Crooksville.									
Perry County 1 E Somerset	07	1525EST			0	0			Thunderstorm Wind (EG50)
Trees and power lines fell along Buckeye Valley Road.									
Perry County Maxville	07	1600EST			0	0			Thunderstorm Wind (EG50)
Several trees were knocked down.									
Athens County Nelsonville	07	1604EST			0	0			Thunderstorm Wind (EG50)
Fallen trees knocked down power lines.									
Morgan County 3 S Mc Connellsville	07	1615EST			0	0			Thunderstorm Wind (EG50)
A few large trees blew down along Route 377.									
Washington County Whipple	07	2255EST			0	0			Hail(1.50)
Perry County Thornville	08	0430EST			0	0			Thunderstorm Wind (EG50)
Trees and large branches were blown down.									
Athens County 1 S Nelsonville	08	1630EST			0	0			Thunderstorm Wind (EG50)
Numerous trees were blown down along Minkers Run.									
Meigs County Reedsville	08	1645EST			0	0			Hail(0.75)
Washington County Reno	08	1740EST			0	0	200K		Thunderstorm Wind (EG50)
Fallen trees damaged homes. Roof shingles were damaged by the wind. An outbuilding was flattened. Hundreds of trees were knocked down.									



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OHIO, Southeast

Washington County

Belpre	10	1530EST			0	0	50K		Thunderstorm Wind (EG60)
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Trees and power lines fell, damaging roofs in town. Several streets were blocked by fallen tree branches. An F2 tornado was occurring across the Ohio River, near Lubeck in Wood County of West Virginia.

Lawrence County

Countywide	10	1540EST 1545EST			0	0	75K		Thunderstorm Wind (EG50)
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Trees and power lines were blown down. A roof was blown off one house, and one deck was reported damaged

Vinton County

South Portion	10	1600EST 2000EST			0	0	50K		Flash Flood
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Houses were evacuated in Hamden, as the headwaters of the Little Racoon Creek flooded.

Jackson County

Northwest Portion	10	1630EST 1930EST			0	0	50K		Flash Flood
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Rains of 2 to 3.5 inches fell from the community of Jackson on north, toward the Vinton County border. The cooperative observer at Jackson measured 3.3 inches of rain. Many roads were closed by overflowing streams. No reports of flooding in dwellings were received.

Perry County

Thornville	12	1320EST			0	0			Hail(0.75)
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Washington County

Lower Salem	12	1351EST			0	0			Hail(1.50)
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Athens County

Glouster	12	1405EST			0	0			Hail(1.00)
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Washington County

Lowell	12	1425EST			0	0			Hail(1.00)
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Meigs County

Pageville	12	1600EST			0	0			Hail(0.88)
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Lawrence County

Vernon	12	1605EST			0	0			Thunderstorm Wind (EG50)
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Trees were knocked down along Route 93.

Lawrence County

Ironton	12	1644EST			0	0			Hail(0.75)
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VIRGINIA, Northwest

Dickenson County

Clinchco	09	1220EST			0	0			Thunderstorm Wind (EG50)
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Trees were blown down.

Buchanan County

Grundy	09	1234EST			0	0			Thunderstorm Wind (EG50)
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Trees and power lines were knocked down.

Dickenson County

3 S Nora	12	1505EST			0	0			Thunderstorm Wind (EG50)
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Trees were blown down across Brushy Ridge, affecting Route 651.



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<u>WEST VIRGINIA, West</u>								
Fayette County								
1 E Minden	01	1330EST 1500EST			0	0	25K	Flash Flood
Rains estimated at 2 to 2.5 inches fell in 2 hours. Water gushed from an abandoned mine and into the community of Rocklick. About 200 residents were forced to leave their homes temporarily. At least 3 houses were damaged by the water.								
Jackson County								
Goldtown	01	1345EST 1415EST			0	0	2K	Flash Flood
Pocatalico Creek flooded roads, but did not affect dwellings.								
Wood County								
Lubeck to Parkersburg	01	1345EST 1445EST			0	0	5K	Flash Flood
Around 2 inches of rain fell in one hour between 1230 and 1330E. Small streams, such as Neal Run, flooded. Water was over roads, including Route 14.								
Lewis County								
Weston	01	1530EST			0	0		Hail(0.88)
Lincoln County								
Griffithsville to Alum Creek	06	1755EST 1800EST			0	0		Thunderstorm Wind (EG50)
Trees and power lines were knocked down.								
Harrison County								
Lost Creek	06	2230EST 2345EST			0	0	15K	Flash Flood
Localized rains of 2 to 3 inches flooded Routes 20 and 25. Some of the affected streams included Browns Creek, Lost Creek, Duck Creek, and Rooting Creek. A few evacuations were reported in Lost Creek.								
Roane County								
Spencer	07	1803EST			0	0		Thunderstorm Wind (EG50)
Trees and power lines were knocked down in scattered locations about the town.								
Fayette County								
Ansted	07	2014EST			0	0		Hail(0.75)
Clay County								
Clay	07	2017EST			0	0		Thunderstorm Wind (EG50)
Several trees were blown down.								
Fayette County								
Lansing	07	2017EST			0	0		Hail(1.00)
Randolph County								
Montrose to Kerens	08	0715EST			0	0	150K	Thunderstorm Wind (EG60)
A fast moving line of early morning thunderstorms caused property damage, including along Saltlick Run and Wilmoth Run. A 400 pound four wheeler was overturned and blown about 20 feet. Wind tore down power lines and damaged a garage door and camper. Another resident had the wind rip a section of their porch off. Several trees were uprooted.								
Wayne County								
1 N Wayne	08	1515EST			0	0		Hail(0.75)
Doddridge County								
Countywide	08	1915EST 1925EST			0	0		Thunderstorm Wind (EG50)
Scattered locations throughout the county had large branches or trees knocked down.								
Harrison County								
Bridgeport	08	1927EST			0	0		Thunderstorm Wind (EG50)
A few large trees were blown down.								



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					Killed	Injured	Property	Crops	

WEST VIRGINIA, West

Boone County									
Nellis	09	1105EST			0	0			Hail(0.75)
Boone County									
Turtle Creek to Ramage	09	1114EST			0	0			Thunderstorm Wind (EG50)
Several trees or large branches were blown down.									
Logan County									
Logan to Man	09	1119EST			0	0			Thunderstorm Wind (EG50)
Trees and power lines were knocked down.									
Boone County									
Gordon	09	1120EST			0	0			Thunderstorm Wind (EG50)
Power lines were knocked down.									
Raleigh County									
Dorothy	09	1125EST			0	0			Thunderstorm Wind (EG50)
A few large trees were fallen by the wind.									
Mingo County									
Varney	09	1140EST			0	0			Thunderstorm Wind (EG50)
Large branches and a few trees were blown down.									
Wyoming County									
Cyclone	09	1140EST			0	0			Thunderstorm Wind (EG50)
Wyoming County									
Sabine	09	1150EST			0	0			Thunderstorm Wind (EG50)
Fayette County									
1 SE Mt Hope	09	1155EST			0	0			Thunderstorm Wind (EG50)
Trees were knocked down across Route 61.									
Wyoming County									
Mc Graws	09	1155EST			0	0			Thunderstorm Wind (EG50)
Wyoming County									
New Richmond	09	1200EST			0	0			Thunderstorm Wind (EG50)
Raleigh County									
Beaver	09	1215EST			0	0			Thunderstorm Wind (EG50)
Mcdowell County									
Welch to Gary	09	1220EST 1225EST			0	0	10K		Thunderstorm Wind (EG50)
Power lines and trees were blown down. A roof to a school gymnasium was damaged.									
Pocahontas County									
Hillsboro	09	1250EST			0	0			Thunderstorm Wind (EG50)
Trees and telephone poles were blown down.									

Fast moving thunderstorms formed around midday, along an outflow boundary left over from the overnight convection. Winds were around 40 to 50 mph at 5000 feet aloft. Winds quickly translated to the surface along the line of thunderstorms, causing spotty wind damage.

Cabell County									
1 N Culloden	09	1650EST			0	0			Hail(0.75)
Lincoln County									
Countywide	09	1930EST 2300EST			0	0	250K		Flash Flood

Hamlin measured 3.3 inches of rain in about 6 hours. Lick Branch flooded homes near Ranger. Water was also in some homes around Hamlin and Griffithsville. Numerous roads were closed around the county due to high water.



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WEST VIRGINIA, West

Wayne County

Wayne to
East Lynn

09 2100EST 2200EST 0 0 350K Flash Flood

The Corps of Engineers measured 2.4 inches of rain. One home was moved off its foundation. The American Red Cross survey indicated one mobile home destroyed, and 4 single family homes had major damage. Numerous roads were flooded by small streams, such as Toms Creek.

Wood County

1 NW Lubeck to
2.5 NE Lubeck

10 1529EST 1534EST 2.5 250 0 0 1.5M Tornado (F2)

The tornado first touched down along Raymond Street near Lubeck. Several homes were damaged here, including a brick garage, which had its roof thrown a couple hundred feet into neighboring homes. The tornado continued northeast along Smitherman Road, where it intensified to F2 strength. Eight homes were damaged at his time, including 2 homes with their roofs lifted off and thrown several hundred feet. More homes were damaged as the tornado cross Lake Washington Road. One resident took shelter in a basement bathroom. When she opened the door after the storm, there was nothing but daylight. Six RV trailers were overturned at a dealership. The tornado crossed White Acres Road damaging 6 homes. One attached garage was ripped away from a house. The tornado weakened as it crossed Route 892. Trees were mangled near Jewell Road. The storm crossed Island View Drive, but no houses suffered any significant damage. All total, on the order of 30 homes and a couple of businesses sustained damage, with a half dozen homes destroyed. About 15 power poles were snapped. Luckily, no fatalities or injuries occurred.

Wood County

Parkersburg

10 1535EST 0 3 50K Thunderstorm Wind (EG60)

Straight line winds caused localize damage along Avery Street in Parkersburg. One frame house collapsed and several outbuilding were damaged. The 3 residents in the collapsed house were injured slightly. The 11 month son was rescued from under the debris. One resident on Avery Street described the storm by saying, "It was like a chain saw, just going through the top of the trees with a vacuum. It was just sucking everything up and blowing it."

Cabell County

Barboursville

10 1540EST 0 0 Thunderstorm Wind (EG50)

Trees and power lines were blown down.

Wayne County

1 SE Hts Tri State Arpt

10 1600EST 0 0 Thunderstorm Wind (EG50)

Trees and large branches were knocked down.

Lincoln County

West Hamlin

10 1610EST 0 0 Thunderstorm Wind (EG50)

Cabell County

Milton

10 1615EST 0 0 Thunderstorm Wind (EG50)

Trees and large branches were blown down.

Lincoln County

Sweetland

10 1615EST 0 0 Thunderstorm Wind (EG50)

Trees and power lines were knocked down.

Putnam County

1 S Hurricane

10 1615EST 0 0 Thunderstorm Wind (EG50)

Trees were blown across Route 60.

Wayne County

Wayne

10 1615EST 0 0 Thunderstorm Wind (EG50)

Trees fell across power lines.



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WEST VIRGINIA, West

Jackson County

Fair Plain	10	1630EST		0	0	125K	Thunderstorm Wind (EG70)
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Damage occurred to homes along Grass Lick Run in the Mountainview estates. Siding was stripped off of houses. Trees were snapped off or uprooted. A garage door was bowed in about a foot. One house sustained major damage, when a tree fell into the roof.

Kanawha County (Crw) Yeager Arpt

	10	1644EST		0	0		Thunderstorm Wind (MG50)
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Ritchie County South Portion

	10	1645EST 1930EST		0	0	300K	Flash Flood
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The cooperative observer at Auburn measured 3.5 inches of rain in less than 4 hours. Creeks such as Bone and Spruce flooded roads and homes. The American Red Cross surveyed 7 single family homes with major damage. One mobile home was destroyed. One mobile home was destroyed. Private bridges were also damaged.

Kanawha County Charleston

	10	1648EST		0	3	10K	Thunderstorm Wind (EG50)
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A large party tent, set up on the University of Charleston campus, collapsed, after being lifted up by gusty winds ahead of the squall line. Three people were slightly injured. Music equipment was also damaged.

Doddridge County South Portion

	10	1700EST 1930EST		0	0	450K	Flash Flood
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The heaviest rains fell in the Leopold, Summers, Big Isaac region. An estimated 2.5 to 3.5 inches of rain fell. American Red Cross surveyed 1 single family dwelling and 1 mobile home destroyed. Seven single family homes and 4 mobile homes had major damage. Five churches had minor damage. Vehicles were also flooded.

Roane County Walton

	10	1705EST		0	0	5K	Thunderstorm Wind (EG50)
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Ten large oak trees were blown down and a house was damaged.

Boone County Madison

	10	1710EST		0	0		Hail(0.75)
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Clay County Ivydale to Duck

	10	1715EST		0	0		Thunderstorm Wind (EG50)
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Trees were knocked down across Route 14.

Harrison County Countywide

	10	1730EST 1930EST		0	0	250K	Flash Flood
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Rains of 1.5 to 2.5 inches fell on saturated ground, causing small stream flooding. The flooding was concentrated around Clarksburg, Nutter Fork, and Bristol, but occurred elsewhere in the county too. One mobile home was destroyed. Lots of basements were flooded.

Jackson County Medina to Sandyville

	10	1800EST 2000EST		0	0	15K	Flash Flood
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The observer near Lockhart Fork measured 3.25 inches of rain. Roads were flooded by tributaries to the Left Fork of Sandy Creek.

A potent squall line developed during the early afternoon across central Ohio, on southwest to central Kentucky. This was along a prefrontal surface boundary, and well out ahead of a strong cold front. The atmosphere warmed into the 80s with surface dew points in the 70 to 75 degree range. Additional thunderstorms formed into a broken west to east line across West Virginia, ahead of the squall line. This caused flooding problems. After 1500E, the squall line accelerated eastward, moving near 50 mph. As a result of this event, a few more counties, such as Ritchie and Harrison, were added to FEMA's disaster declaration number 1474. This federal disaster was initiated during the month of June.



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<u>WEST VIRGINIA, West</u>									
Wood County									
Parkersburg to Vienna	12	1550EST 1630EST			0	0	2K		Flash Flood
Rains of 1.5 to 2 inches fell in an hour, causing street and basement flooding.									
Cabell County									
Barboursville	12	1710EST			0	0			Hail(0.75)
Pocahontas County									
Thornwood	14	1615EST			0	0			Hail(1.75)
The tops of trees were stripped of their leaves.									
Randolph County									
Valley Head to Mingo	14	1930EST 2030EST			0	0	5K		Flash Flood
An estimated 2 to 3 inches of rain fell in 2 hours. Basement flooding occurred in Valley Head. Mudslides closed roads. No dwellings were affected.									
Doddridge County									
Blandville	18	1740EST			0	0			Thunderstorm Wind (EG50)
Trees fell along Meathouse Fork.									
Harrison County									
Countywide	18	1800EST 1805EST			0	0	3K		Thunderstorm Wind (EG50)
Trees fell in scattered locations, such as Salem, Good Hope, and along Halls Run near Bristol									
Calhoun County									
Mt Zion to Leatherbark	28	1330EST 1430EST			0	0	5K		Flash Flood
Leatherbark Creek surrounded a few homes along Route 33. Secondary roads around Mt Zion were flooded.									
Roane County									
Spencer to Reedy	28	1330EST 1430EST			0	0	5K		Flash Flood
Spencer measured 2.9 inches of rain for its 24 hour amount, most of which fell in a few hours. Goff Run, Spring Creek, and Reedy Creek flooded roads. Water surrounded a few homes, but did not get inside.									